

Spin-freezing mechanism in underdoped superconducting cuprates

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Abstract

The microscopic origin of the fluctuating field $h(t)$ is addressed within a substantially different picture, namely the one of the extended charge density waves with imaginary order parameter (id-CDW). Important features of this new scenario are described. It is emphasized that the fluctuating field originates from vortex-antivortex orbital currents.
